

**Amendments to the Specification:**

Please replace the paragraph, beginning at page 10, line 3, with the following rewritten paragraph:

The present invention is a method and apparatus for generating a gaseous mixture of chlorine dioxide and chlorine especially for the treatment of drinking water or waste water. Chlorine and chlorine dioxide are produced by reacting, in a controlled manner, an inorganic acid with an alkali metal chlorate. The product mixture can be used as an oxidant and disinfectant for drinking water in accord with the teachings of co-pending U.S. Patent Application Serial No. 09/801,507 filed March 8, 2001, or it may be used in non-water applications.

Please replace the paragraph, beginning at page 19, line 16, with the following rewritten paragraph:

